



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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Examiner : R. Hutson
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Title : PROKARYOTIC REVERSE
: TRANSCRIPTASE

Docket: 1491-CIP10-00
(Formerly 377.5888P)

Confirmation No.:5819

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Dated: January 8, 2003

AMENDMENT

Box AF
Commissioner for Patents
Washington, DC 20231

Sir:

In response to the Final Official Action dated July 8, 2002, Applicants amend the application as follows:

In the Specification (Marked-Up Version)

Please replace the first full paragraph on page 11 with the following:

Figure 14 shows the amino acid sequence alignment of bacterial RT carried out according to Xiong and Eickbush EMBO Journal, 9(10): 3353-3362, (1990). Amino acids highly conserved in eukaryotic Rts are shown at the top of the sequences. These amino acids include largely unvaried residues or chemically similar residues. (h) Hydorphobic residue; (p) small polar residues; (c) charged residue. Amino acids